

**FIG. 1**



FIG. 2A

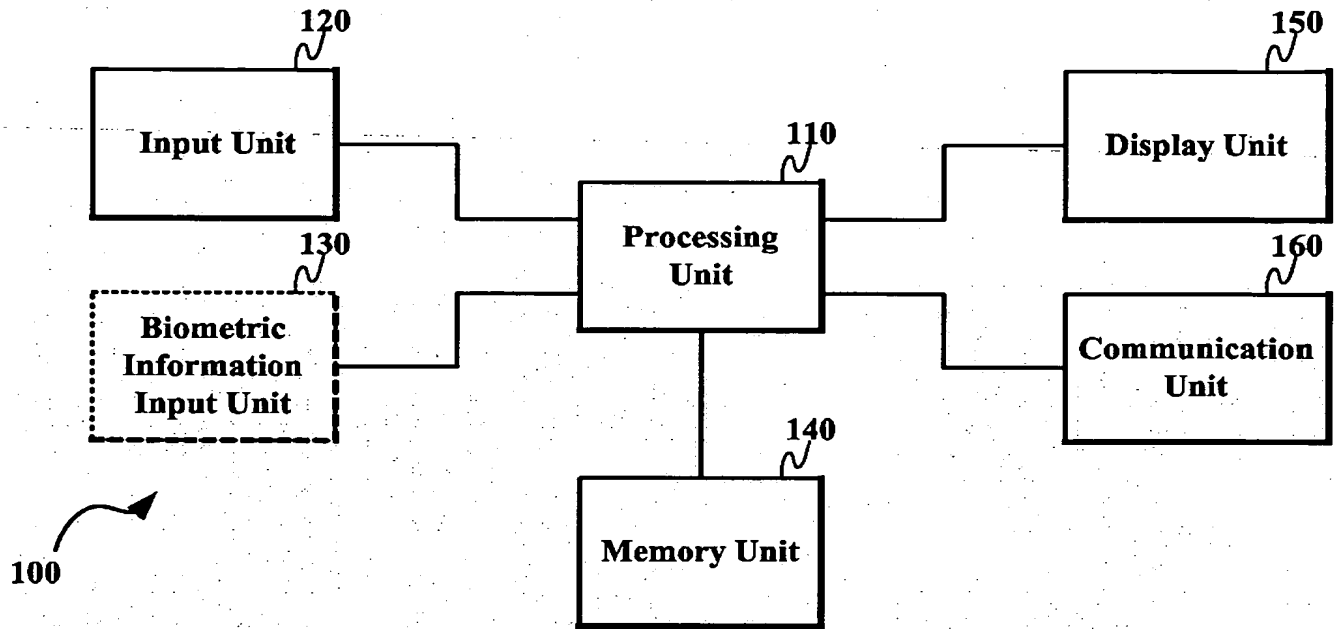


FIG. 2B

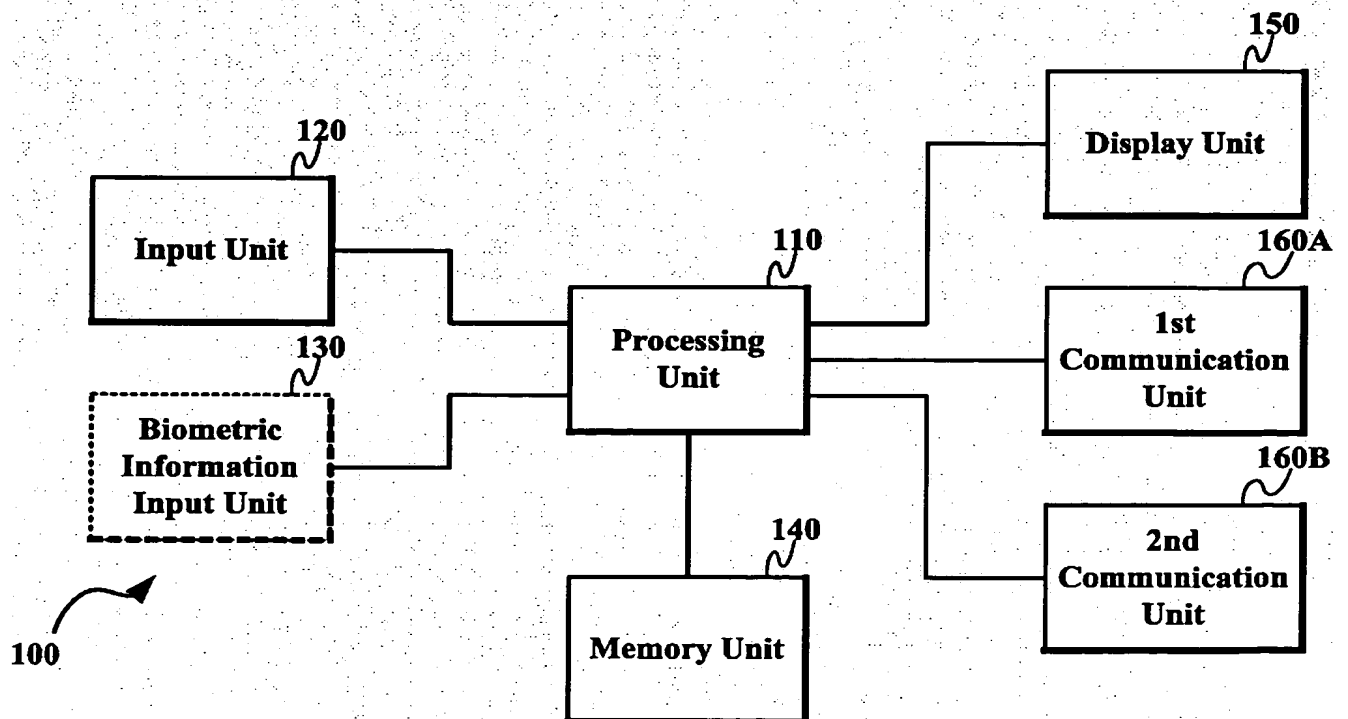


FIG. 3A

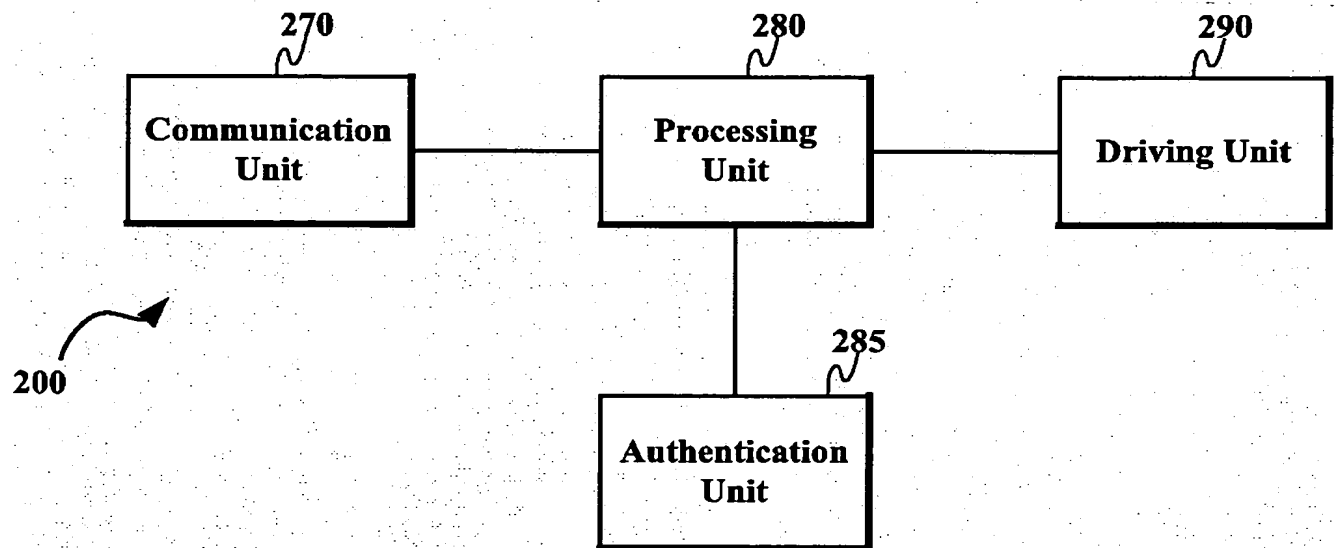


FIG. 3B

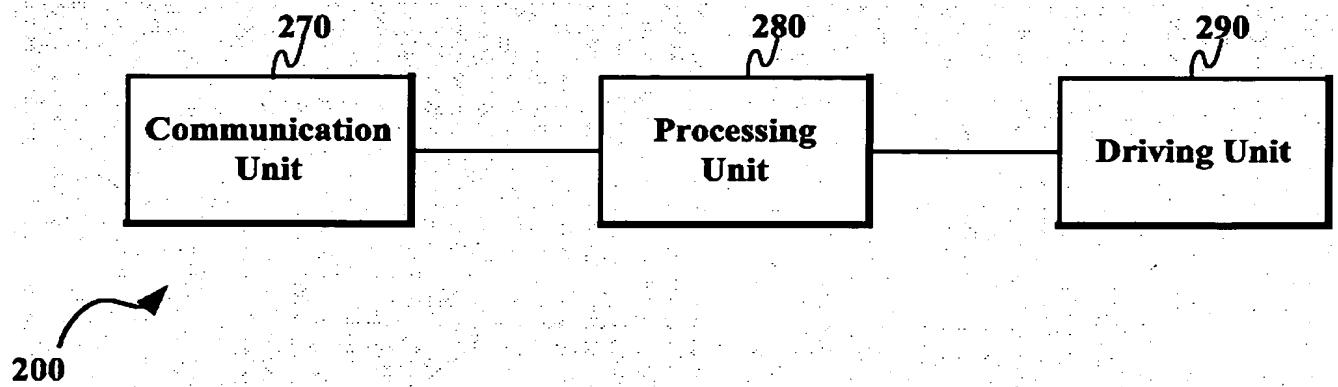


FIG.4A

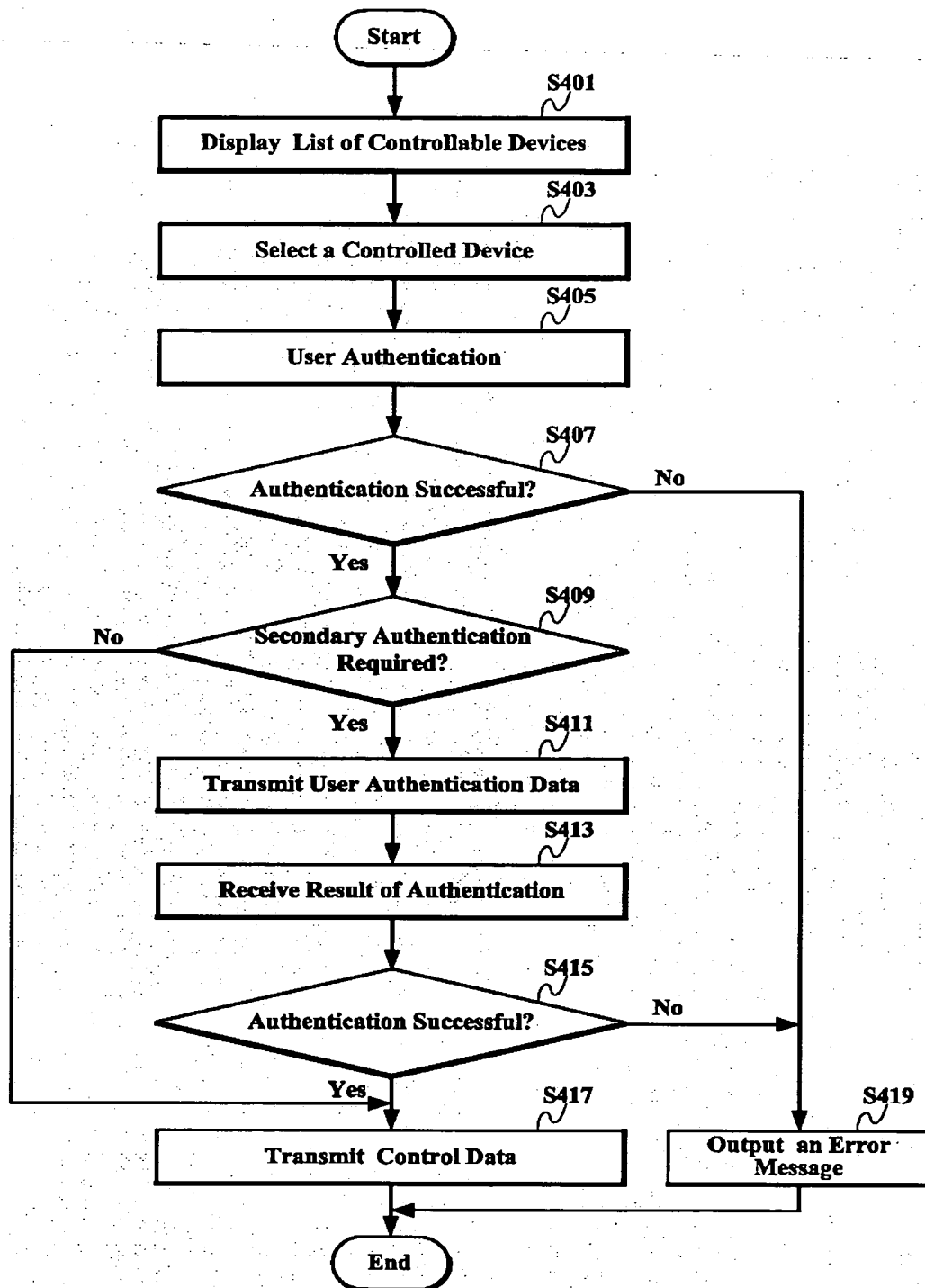


FIG.4B

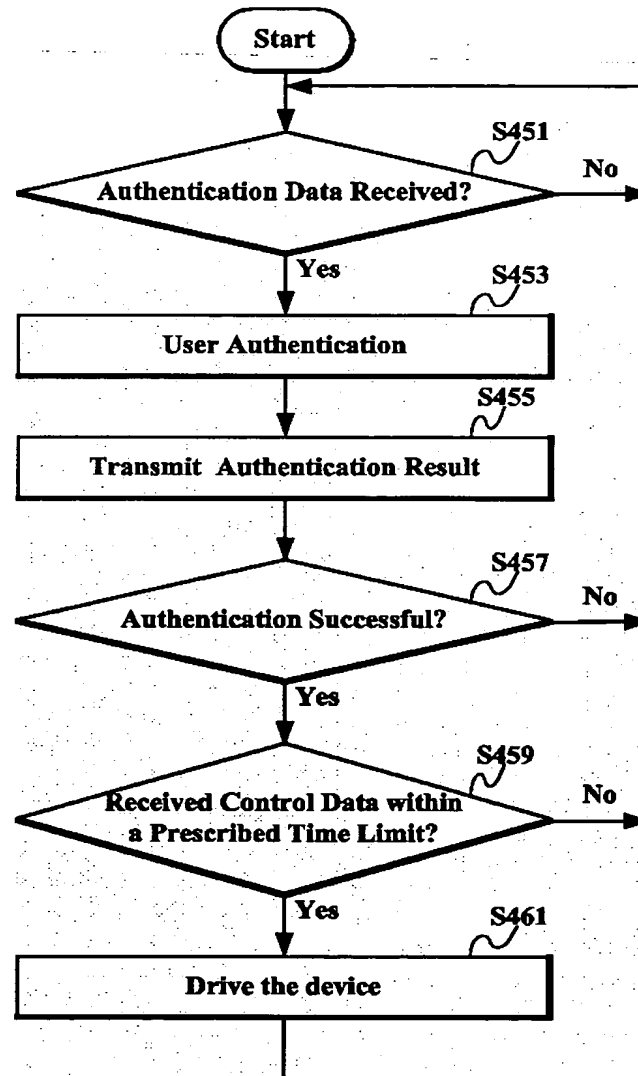


FIG.5A

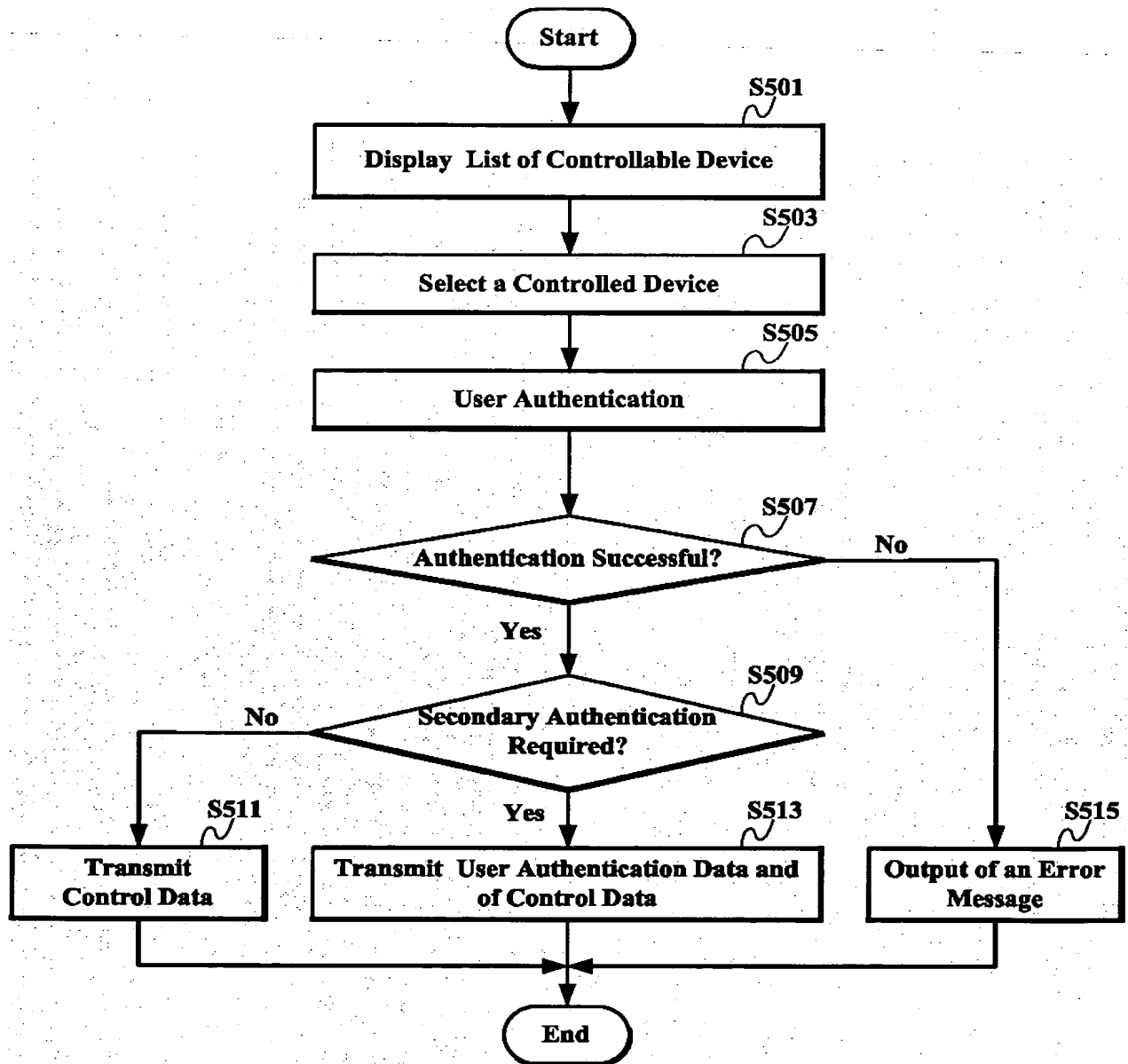


FIG.5B

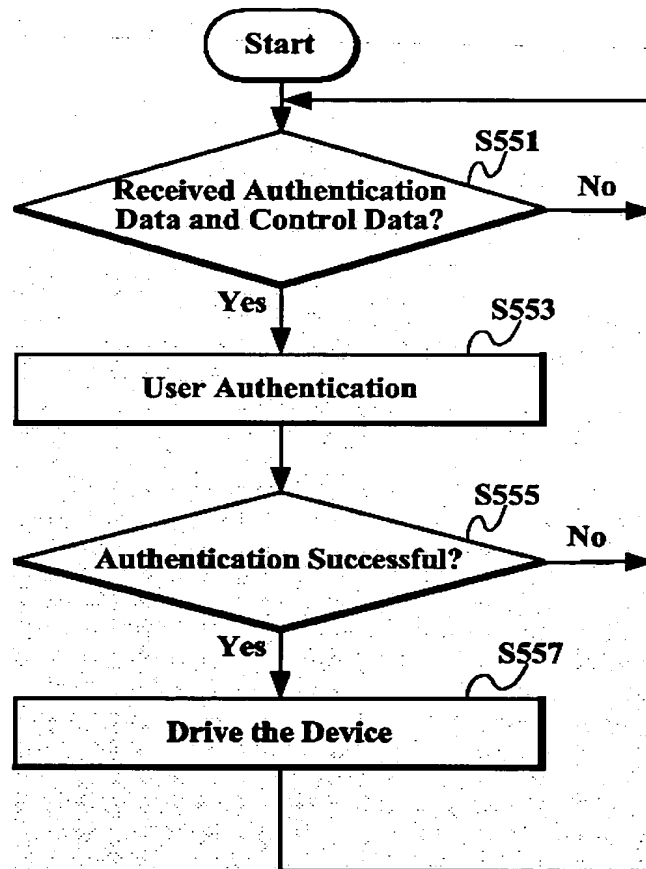


FIG.6

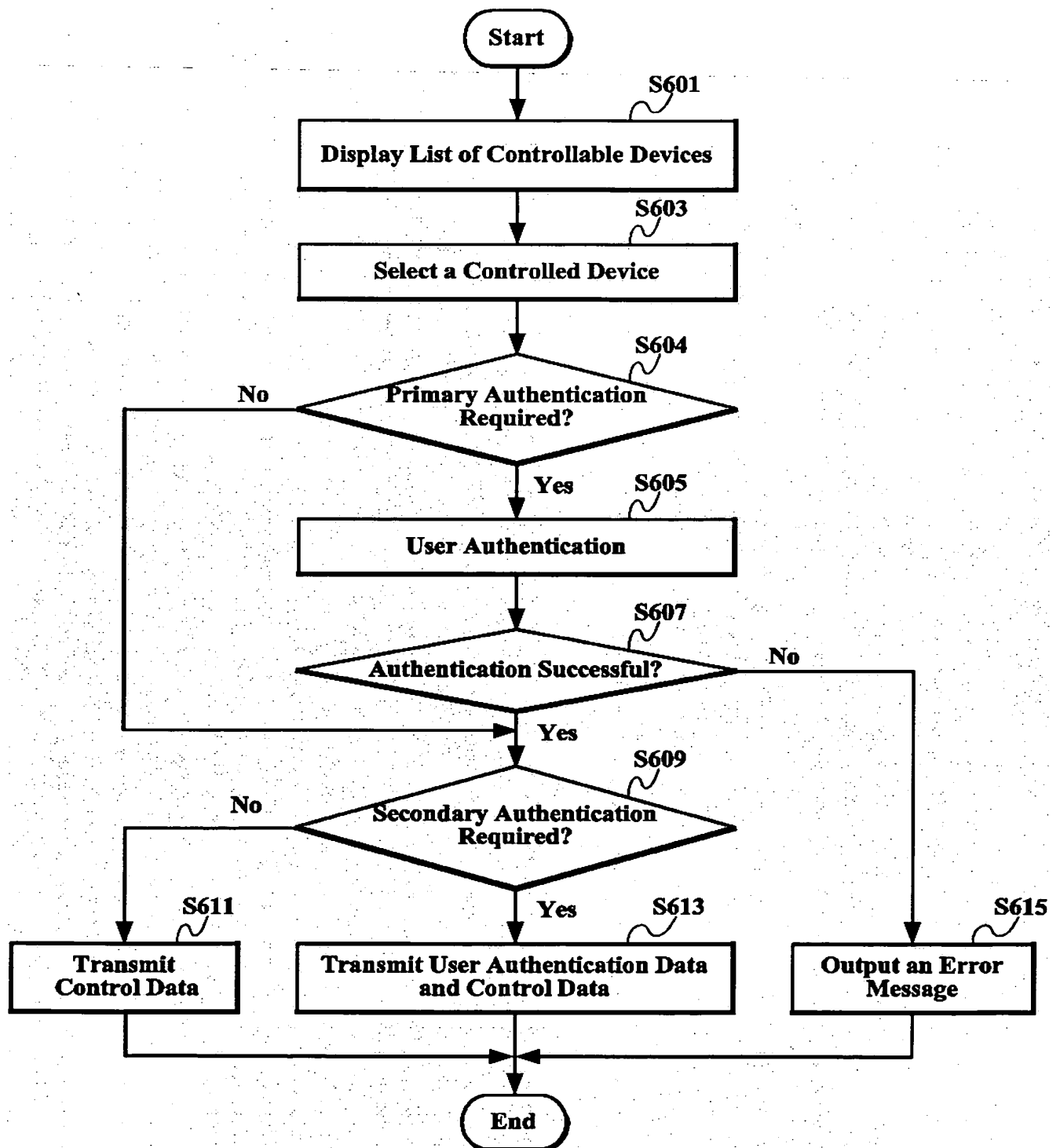


FIG.7

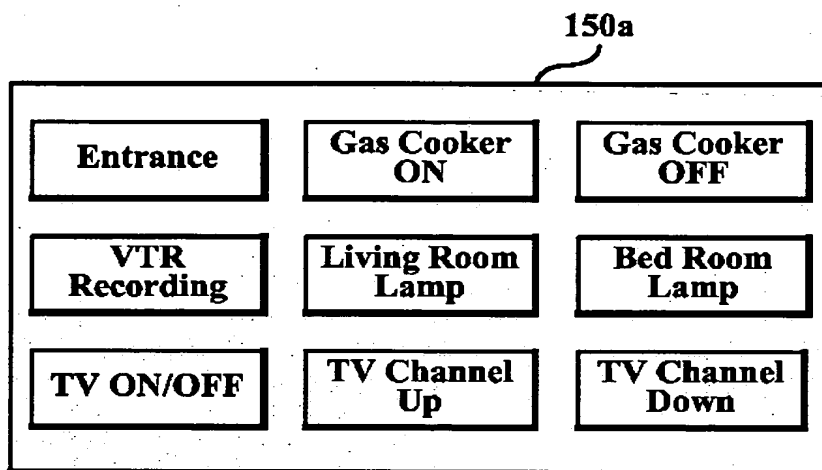


FIG.8

Controlled Device	Primary Authentication	Secondary Authentication	Communication Unit	Control Data
Entrance	Y	Y	1	3E24h
Gas Cooker ON	Y	Y	1	3945h
Gas Cooker OFF	Y	N	1	3946h
VTR Recording	Y	N	2	11011011
Living Room Light	N	N	2	10101100
Bed Room Light	N	N	2	10111100
TV ON/OFF	N	N	2	11001010
TV Channel Up	N	N	2	11001100
TV Channel Down	N	N	2	11001101